

- 1) There is mention that use & site agreements are not complete on some sites. How many and which sites does this include. As this can affect the scheduling of the project, how long of delays do you anticipate on getting these things resolved?
 - South Peak is the only site without an agreement. Because this is a green site, further environmental review may also be required, resulting in further delays. South Peak, because of road and environmental issues will not be subject to the 8/31/07 completion deadline. At time of contract signing, remaining issues will be discussed with the successful bidder and a reasonable time line for completion will be jointly determined.
- 2) It is assumed that the South Peak road will be completed prior to site construction. What is the anticipated amount of time required for this work after the site is accessible from snow melt?
 - See response to question 1
- 3) The SOW indicates completion by 8/31/07. The bid documents only allow 90 days. Without more complete site construction plans, drawings, photographs, etc. it is impossible to calculate time requirements for each site & thus the complete job. Which of the above time limits will apply on this job?
 - Site plans are available
 - Site photographs are available for most sites.
 - The desired completion deadline is 8/31/07, however it is understood that weather conditions may delay the start date of mountain sites. A detailed project schedule will be worked out at contract signing.
- 4) In reading the documents, it appears that the USAF may elect to split the project- using different contractors on their portion of the sites. Do you anticipate this to happen?
 - Federal dollars spent by the Air Force and Federal Homeland Security dollars can not be mixed. This necessitates a process of submitting the

project for bid and having the successful bidder sign separate contracts with the Air Force and the State of Montana. Upon completion, ownership of the sites will be turned over to a local jurisdiction who has agreed to accept responsibility for the site.

- 5) Some firms specialize in rock anchor tower foundations utilizing ultra high strength anchor rods that are grouted into drilled holes. This type of foundation is used in rocky sites & provides an excellent foundation. Additional information the engineer needs to provide a design for this type of foundation (in addition to the items you have included in your Exhibit A) include the allowable bond strength value between the rock surface and the grout interface. We will include this item in Exhibit A when soliciting geotech work. **Yes**
- 6) In reviewing the bid documents, the state realizes there will be unforeseen work (and associated costs) covering items that the preliminary bid documents could not cover. This is especially true of the high elevation sites that may have access issues, rock issues, etc. Please clarify. **Only minimal change orders will be accepted for items that are not stated in the specifications. Contractor should submit possible cost estimates for anything you feel the spec does not cover.**
- 7) The bid documents state that utility power will be brought to the sites. Is this underground or overhead service? How far from the shelter will the power be provided? Will the meter base be mounted on the shelter or on a remote H frame? **Power to the site is the IM responsibility. Distance from power to the shelter is estimated to be 25'-50'. Power between service drop and the shelter needs to be underground. The meter may be mounted on the shelter or service drop pole.**
- 8) What is the anticipated distance from the towers to the shelters? We try to keep this length as short as possible (10' or so). Will this be possible? **Most sites will be 10 feet but there may be a couple to 20 feet.**
- 9) Four of the sites are marked as "Solid Rock". How solid is this rock? Is it granite, basalt or? This item will affect the construction of the grounding system as well as the tower and building foundation. **The term solid rock is used in the bid specification only as an indicator that the site is not normal soil, it is mostly rock, is usually fractured, but must be analyzed by the successful bidder. Solid rock does not mean a single solid piece of rock.**
- 10) The bid documents state that the foundation for the towers shorter than 150' will need to be capable of supporting future extension to 150'. In addition to the foundation design, all towers shorter than 150' must be designed to handle the specified loads including extension to 150'. Our proposal will include this design. **Yes. The tower and the foundation must be designed to for the future 50 additional feet.**

- 11) Are there any site drawings, maps or photos of any of the sites? This would definitely help assessing the site conditions. **Yes**
- 12) The SOW indicates that the genset & shelter work to be optional. The bid documents require both to be installed with an option to transport these items. Should I assume the bid documents to be correct? **Yes, they are looking as an option the cost to transport that set the building being you have the crane there already.**
- 13) Genset start up, checkout and load testing work is usually included in Cummins genset pricing. Please advise if this is not being provided by Cummins. **Yes, Startup and testing will be done by Cummins.**
- 14) The SOW lists an option for installation of the transfer switches in the shelters. The bid documents do not include an item line for this option. If the transfer switch was not installed at Thermo Bond, will the electrical equipment in the shelter be arranged so that the transfer switch can be easily installed without rerouting conduit & wiring? **Yes**
- 15) Specification Sect. 2.9 (Grounding) calls for "fence grounding". The bid documents do not mention fencing at the sites. Is there fencing that needs to be provided & installed and or is there existing fencing that needs to be grounded? **Some of the sites will require fencing and that fencing needs to be grounded. Please provide a cost to ground the fencing as an option to your bid.**
- 16) Alternate #4 specifies LED lights w/ backup. We are assuming dual obstruction lighting will be required (and not beacon lights)- please confirm. Backup lights are specified? The design of a dual obstruction light provides a backup in case one lamp should fail. Is this considered the backup? **Only some of the sites will require lighting. The preferred lighting is LED. So quote using FAA requirements for LED lighting.**
- 17) The tower specs call for 90MPH wind loading and the Geotech SOW indicates 100MPH. Which is correct? **100mph wind with 1" radial ice**
- 18) Who is SI International? **SI International are consultants for the USAF.**

Bid documents state that a copy of the current Prevailing Wage list is included. It was not. We will download from the State Website. **The State of Montana Prevailing Wage information is available at the following site:**

<http://www.ourfactsyourfuture.org/cgi/dataanalysis/?PAGEID=67&SUBID=244>

19)

- 20) General Conditions (6.4.2.1) list a 90 day completion with a \$200.00/day penalty. Other areas show completion by August 31. If an April 1 start date were possible would the 90 day completion still apply or will the August 31 date govern without penalty? **Completion date is 8/31/07 with the exception of South Peak. See comments for question 1.**

21) We typically install geofabric & crushed rock on site to preclude weed growth and control erosion. This was not specified in the bid documents. Is this work desired to be done? **Price is as an option to your bid.**

22) The diesel genset at the Bozeman EOC will require a fuel tank. Will this be an integral tank or will a double wall tank be needed? If so, how many gallon?

Integral tank.

All other terms and conditions remain unchanged.

BY:

John Horn, Contracting Officer
Montana Dept of Military Affairs

DATE:

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